

ABSTRACT OF THE DISCLOSURE

The oven includes a lower electrical heating element which is located below a support member. Two laterally spaced apart upper electrical heating elements are supported above the support member and the food to be cooked. An electrical system is provided for supplying electrical power to the lower electrical heating element and to the two upper electrical heating elements. A controller is provided for controlling electrical power applied to the lower heating element and to the two upper electrical heating elements. By way of a thermocouple, the controller senses the temperature in the oven and controls the lower heating element to maintain a set point temperature, i.e. 550° F, in the oven. When any of the upper heating elements is activated, and is in a broiling sequence the controller disables these upper heating elements if the temperature in the oven rises above an upper temperature level of i.e. 585° F.